

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:

Sondur

Application No.: 10/666,509

Filed: 9/19/03

For: WIRELESS SIGNAL PROCESSING
METHODS AND APPARATUSES
INCLUDING DIRECTIONS OF
ARRIVAL ESTIMATION



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INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.97(g), the submission of this Information Disclosure Statement (IDS) is not to be construed as a representation that a search has been made, and, pursuant to 37 C.F.R. § 1.97(h), the submission of this IDS is not to be construed as an admission that the information cited in this IDS is material to patentability.

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This IDS is being submitted under one or more of the following sections of 37

C.F.R. § 1.97 (as indicated by an "X" to the left of the appropriate paragraph(s)):

_____ 37 C.F.R. § 1.97(b). Filed:

- (1) Within three months of a National Application other than a CPA;
- (2) Within three months of entry into National Stage;
- (3) Before mailing of a first Office Action on the merits; or
- (4) Before mailing of a first Office Action after filing an RCE.

_____ 37 C.F.R. § 1.97(c). Filed before the mailing of a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution.
And, ONE of the following:

(1) One statement from 37 C.F.R. § 1.97(e);

_____ (e)(1) The person signing below certifies that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

_____ (e)(2) The person signing below certifies that no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 1.56(c) more than three months prior to filing this IDS.

OR

(2) The fee set forth in 37 C.F.R. § 1.17(p).

_____ A check in the amount of \$180.00 is enclosed.

X 37 C.F.R. § 1.97(d). Filed on or before payment of the issue fee.

And, BOTH of the following:

(1) one statement from 37 C.F.R. § 1.97(e);

X (e)(1) The person signing below certifies that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

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AND

(2) The fee set forth in 37 C.F.R. § 1.17(p).

X A check in the amount of \$180.00 is enclosed.

Accompanying this IDS is a list of references and a copy of each reference listed therein, EXCEPT references pursuant to one or more of the following sections of 37 C.F.R. § 1.98 (as indicated by an "X" to the left of the appropriate paragraph(s)):

_____ 37 C.F.R. § 1.98(c) as being cumulative (marked with an "*" on the Form PTO-1449).

_____ 37 C.F.R. § 1.98(d) as being previously submitted in parent application 09/908,118, to which the present application claims priority under 35 U.S.C. § 120.


 X Those U.S. Patent references waived from the requirement of 37 C.F.R. § 1.98 (a)(2)(i) .

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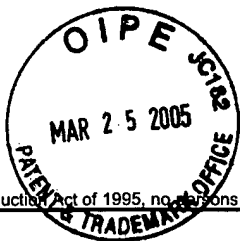
Respectfully submitted,
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Dated: March 22, 2005

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number 10/666,509

Filing Date 9/19/03

First Named Inventor Sondur

Art Unit 3662

Examiner Name Mull Fred H.

Attorney Docket Number 111027-134390

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	3	McCarthy, Frank, "Multiple Signal Direction-Finding and Interference Reduction Techniques," ARGOSystems, Inc., Wescon/93 Technical Conference, 1993.	
	4	Hernandez, Marco, A., et al., "Subspace Based Estimation of Parameters and Linear Space-Time Multiuser Detection for WCDMA Systems, Delft University of Technology, IEEE 6th Int. Symp., 9/2000.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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